

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 02/14885

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01R31/327

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 105 786 A (MERLIN GERIN) 18 April 1984 (1984-04-18) claim 1	1,5
A	US 2001/000355 A1 (FLETCHER DAVID ET AL) 19 April 2001 (2001-04-19) the whole document	1
A	US 4 996 646 A (FARRINGTON RONALD L) 26 February 1991 (1991-02-26) claims 1-3	1
A	US 5 714 886 A (HARRIS MATTHEW B) 3 February 1998 (1998-02-03) claim 1	1,5

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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- *P* document published prior to the international filing date but later than the priority date claimed

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Date of the actual completion of the international search

23 May 2003

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0105786	A	18-04-1984	FR 2534063 A1	06-04-1984
			DE 3363082 D1	22-05-1986
			EP 0105786 A1	18-04-1984
			ES 8405193 A1	01-09-1984
			PT 77372 A , B	01-10-1983
US 2001000355	A1	19-04-2001	US 6401054 B1	04-06-2002
			FR 2818402 A1	21-06-2002
			EP 1057132 A2	06-12-2000
			JP 2002533844 T	08-10-2002
			WO 0039715 A2	06-07-2000
US 4996646	A	26-02-1991	AU 3410189 A	16-10-1989
			WO 8909456 A1	05-10-1989
			US 5524083 A	04-06-1996
			US 5166887 A	24-11-1992
			US 5170360 A	08-12-1992
			US 5185705 A	09-02-1993
US 5714886	A	03-02-1998	DE 69719315 D1	03-04-2003
			EP 0888558 A1	07-01-1999
			WO 9829753 A1	09-07-1998